



Sampling and Field Screening Plan for The Mahoningside Power Plant Site
Warren, Trumbull County, Ohio

Sampling and field screening activities are expected to be conducted with regularity at the Mahoningside Power Plant (Mahonignside) Site. Samples will be collected using either a plastic scoop, a metal trowel, or with a stainless steel sampling probe. Samples will be placed into glass jars with Teflon™ lids, placed into a plastic baggie, and then placed into a cooler with ice. Samples will be preserved at 4° Centigrade.

Samples witch have been collected will be field screened using Chlor-N-Soil kits, DTECH kits, and/or other appropriate field screening methods or kits. All samples will first be screened with the Chlor_N-Soil kit which will result in a PCB reading of up to 50 ppm based on a colorimetric reading . If the result indicates PCB levels potentially present at the 50 part per million (ppm) range or lower, then the DTECH kit will be used. The DTECH kit has the limitation of only being reliable up to 200 ppm and only revealing a ppm reading to 25 ppm. Other field screening kits may be tested and evaluated for a more usefull ppm PCB reading during the course of the project.

After reviewing the results of the field screening activities, the U.S. EPA OSC will make recommendations to START as to which samples should be submitted to an independent laboratory for validated PCB analysis. All sampling, packaging, and shipping requirements will be met by START.